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(54) Title of the invention : SEQUENTIAL PROCESSING HEXAGONAL REACTOR FOR BIO-DEGRADABLE HOSPITAL WASTE

(51) International classification	:A61M5/00	(71)Name of Applicant :
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(32) Priority Date	:NA	Address of Applicant :1/846-A, Happy Nagar, Poolangudi,
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Filing Date	:NA	2)Kumaran S
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(62) Divisional to Application Number	:NA	2)Kumaran S
Filing Date	:NA	3)Mohan S

(57) Abstract :

SEQUENTIAL PROCESSING HEXAGONAL REACTOR FOR BIO-DEGRADABLE HOSPITAL WASTE The present disclosure relates to a machine capable of processing or treating the biological materials especially Human Anatomical Waste of bio-hazardous medical waste in a closed system of sequential processing hexagonal reactor called Sphere Drum with the features of see-through provision, sample collection port, transfer port, stirrers, counter weights, spraying tubes, gas outlet and drain hole to achieve closed system reaction, which is collective called a Sphere Machine. For collection of bio-hazardous waste in safe concealed storage device is done by H-bin, which is a hexagonal bin same as like sphere drum with features of see-through provision, sample collection port, transfer port, drain holes and handles. The sphere machine can be placed inside hospital premises and also movable, which can process the waste in a closed environment and enables an alternative solution to the incinerator. Since size and cost plays a major factor for incinerator, but sphere machine overcomes that.

No. of Pages : 59 No. of Claims : 8

FORM 1
THE PATENTS ACT, 1970
(39 of 1970)
&
THE PATENTS RULES, 2003
APPLICATION FOR GRANT OF PATENT
[See sections 7,54 & 135 and rule 20(1)]

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Application No.:

Filing Date:

Amount of Fee Paid:

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Signature:

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3. TITLE OF THE INVENTION: Sequential Processing Hexagonal Reactor for Bio-degradable Hospital Waste

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5. PRIORITY PARTICULARS OF THE APPLICATION(S) FILED IN CONVENTION COUNTRY:

Sr.No.	Country	Application Number	Filing Date	Name of the Applicant	Title of the Invention
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6. PARTICULARS FOR FILING PATENT COOPERATION TREATY (PCT) NATIONAL PHASE APPLICATION:

International Application Number	International Filing Date as Allotted by the Receiving Office
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7. PARTICULARS FOR FILING DIVISIONAL APPLICATION

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8. PARTICULARS FOR FILING PATENT OF ADDITION:

Main Application / Patent Number:	Date of Filing of Main Application
	01/01/1900 00:00:00

9. DECLARATIONS:

(i) Declaration by the inventor(s)

I/We ,Johnson Ebenezer R,Kumaran S,Mohan S, is/are the true & first inventor(s) for this invention and declare that the applicant(s) herein is/are my/our assignee or legal representative.

(a) Date: -----

(b) Signature(s) of the inventor(s):

(c) Name(s): Johnson Ebenezer R,Kumaran S,Mohan S

(ii) Declaration by the applicant(s) in the convention country

I/We, the applicant(s) in the convention country declare that the applicant(s) herein is/are my/our assignee or legal representative.

(a) Date: -----

(b) Signature(s) :

(c) Name(s) of the signatory: Johnson Ebenezer R,Mohan S,Kumaran S,Johnson Ebenezer R,Mohan S,Kumaran S

(iii) Declaration by the applicant(s)

- **The Provisional specification relating to the invention is filed with this application.**
- **I am/We are, in the possession of the above mentioned invention.**
- **There is no lawful ground of objection to the grant of the Patent to me/us.**
- **I am/We are, the assignee or legal representative to true first inventors.**
- **The application or each of the applications, particulars of which are given in Para-5 was the first application in convention country/countries in respect of my/our invention.**
- **I/We claim the priority from the above mentioned application(s) filed in convention country/countries and state that no application for protection in respect of the invention had been made in a convention country before that date by me/us or by any person from which I/We derive the title.**

10. FOLLOWING ARE THE ATTACHMENTS WITH THE APPLICATION:

Sr.	Document Description	FileName
1	PROVISIONAL SPECIFICATION	Description Signed.pdf
2	DRAWINGS	Diagram Signed.pdf

I/We hereby declare that to the best of my/our knowledge, information and belief the fact and matters stated hereing are correct and I/We request that a patent may be granted to me/us for the said invention.

Dated this(Final Payment Date): -----

Signature:

Name: Johnson Ebenezer R

To The Controller of Patents

The Patent office at

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